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(54) Title: BONE MORPHOGENIC PROTEIN BINDING PEPTIDE

(57) Abstract: A cyclized peptide designated BMP Binding Peptide (BBP) is a synthetic peptide that avidly binds rhBMP-2. BBP increases the over-all osteogenic activity of rgBMP-2, increases the rate at which rhBMP-2 induces bone formation, and BBP induces calcification alone. Compositions and substrates including BBP, and methods of using BBP are useful in therapeutic, diagnostic and clinical applications requiring calcification and osteogenesis.



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